

Science

Spring 1 - Living Things and their Habitats

Reminder of the characteristics of living things & the basic needs their habitats supply. Establish why classification of plants & animals is important & classify minibeasts. Read & construct food chains & webs. Recognise that environments can change.

Spring 2 - Sound

- How vibrations cause sounds and how sounds travel, as well as how sounds can change pitch and loudness.
- We will learn about how sounds are made.
- The children will work in groups to create a human model of the way particles pass sound vibrations on. The children will work in a hands-on way to explore pitch.
- They will have the opportunity to make a string telephone, and will use this to investigate how sounds change over distance and through different materials.
- The children will work scientifically and collaboratively to investigate the best material for soundproofing.
- They will design and create their own musical instrument that will play high, low, loud and quiet sounds.

Literacy

Spring 1 – There's a Boy in the Girls' bathroom

- Diaries
- Explanation Texts
- Warning Stories

Spring 2 – There's a Boy in the Girls' bathroom

- Character profiling.
- Recounts

Religion

Community

At the end of this topic we will know and understand:

- Belonging to a community – **Explore**
 - the life of the local Christian community – **Reveal**
- acquire the skills of assimilation, celebration and application of the above – **Respond**

Giving and Receiving

At the end of this topic we will know and understand:

- Giving and receiving every day – **Explore**
 - the Eucharist challenges and enables living and growing in communion – **Reveal**
- acquire the skills of assimilation, celebration and application of the above – **Respond**

Mathematics

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Recognise and show, using diagrams, families of common equivalent fractions.

Add and subtract fractions with the same denominator.

Convert between different units of measure, e.g. hour to minute.

Read, write & convert time between analogue and digital 12 and 24 hour clocks.

Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Recognise and write decimal equivalents of any number of tenths or hundredths.

Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths.

Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.

Estimate, compare and calculate different measures, including money in pounds and pence.

Year 4 Spring Term Miss Dyson

Games and PE

Spring 1 – Football and games

Spring 2 – Gymnastics and games

Art and Design

Art- British Art

Children will also have the opportunity to explore the work of British artists Thomas Gainsborough, Lucian Freud, Howard Hodgkin, Anish Kapoor, Paula Rego and Sonia Boyce

Design- Juggling Balls

Children are given a design brief, asking them to design and make a circus themed juggling ball.

Topic (Geography and History)

Normans

To understand who the Normans were and their invasion on Britain.

To learn about significant events from the period and orders these chronologically.

All Around the World

To know where the countries of the world are located, and some of the ways geographers describe locations. To learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics.

Music

Year 4 have the fantastic opportunity this year to take part in learning to play the clarinet.

Computing

We are Music Producers

We will write a record a song using garage band.

We are Meteorologists

We will record the weather and make graphs using the data.